



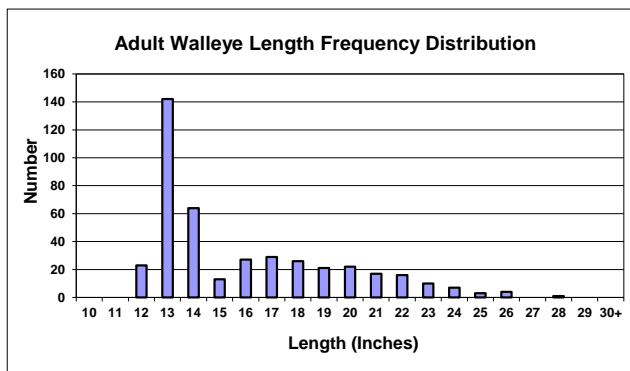
WISCONSIN DNR
FISHERIES INFORMATION SHEET

LAKE: North Nokomis

COUNTY: Oneida

YEAR: 2018

Department of Natural Resources crews surveyed North Nokomis Lake, Oneida County, throughout the month of May and June to assess the fish community. Surveys specifically targeted walleye, muskellunge, bass and panfish. North Nokomis Lake is a drainage lake with 476 surface acres, 7.4 miles of shoreline, an average depth of 30 feet and maximum depth of 73 feet.

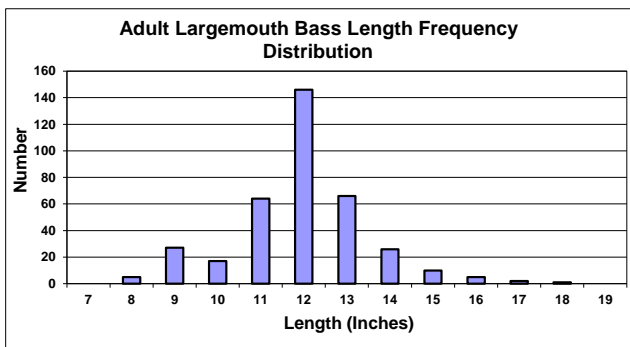
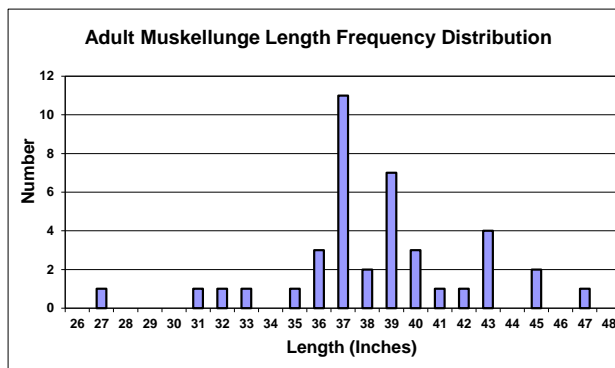


Walleye

The adult walleye population was estimated at 606 fish, or 1.3 per acre. Adult walleyes are defined as all sexable walleye and those of unknown sex ≥ 15 inches in length. The minimum length limit for walleye on North Nokomis Lake is 18 inches and an estimated 30% of adult walleye were over legal size. The largest walleye handled was 28.2 inches in length. Adult walleye abundance is low and supplemented by stocking every other year.

Muskellunge

A total of 40 adult muskellunge were handled while surveying North Nokomis Lake. 30% of the adult muskellunge sampled were over the legal size of 40 inches. Adult muskellunge are defined as all sexable muskellunge and those of unknown sex ≥ 30 inches in length. The largest muskellunge handled was a 47.2 inch female. Additionally, 4 juvenile muskellunge ranging from 15.8 to 23 inches in length were also handled. The muskellunge population is supported through natural reproduction.

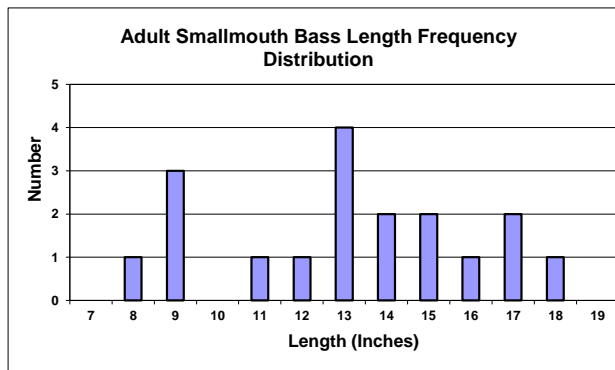


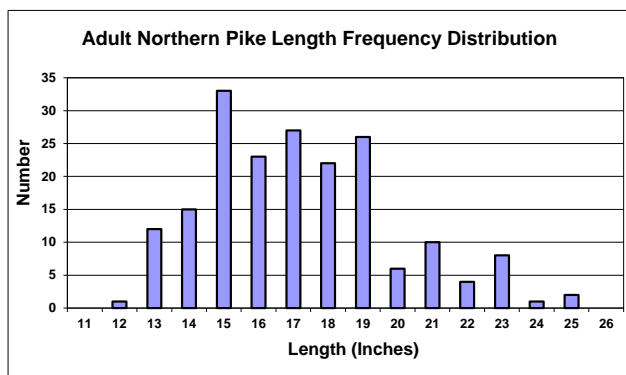
Largemouth Bass

While surveying North Nokomis Lake, 369 adult largemouth bass were handled. Adult largemouth bass are defined as fish ≥ 8 inches in length. Of the adult largemouth bass handled, 12% met the legal minimum length requirement of 14 inches. The average size of adult largemouth bass was just over 12 inches and the largest handled was 18.5 inches.

Smallmouth Bass

Smallmouth bass were few and far between while surveying North Nokomis Lake, as only 18 adult fish were handled. Adult smallmouth bass are defined as fish ≥ 8 inches in length. 44% of the adult smallmouth handled were 14 inches or longer.



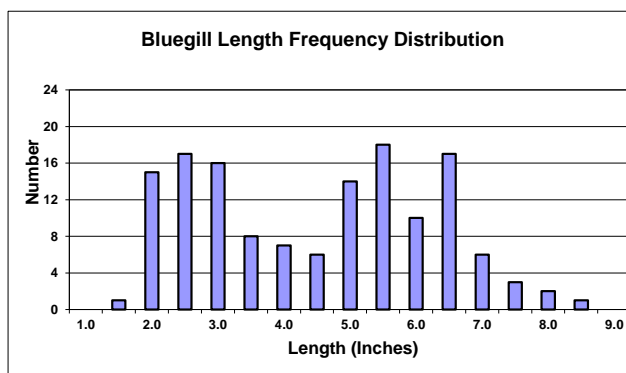
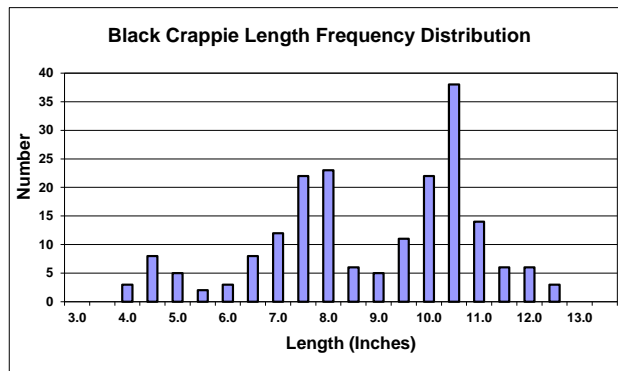


Northern Pike

The size structure of adult northern pike sampled in North Nokomis Lake was relatively small. A total of 190 adult northern pike were measured. Lengths ranged from 12 to 25.5 inches. The average length of adult northern pike was just under 18 inches. Adult northern pike are defined as all sexable pike and those of unknown sex ≥ 12 inches in length.

Black Crappie

A total of 414 black crappies were captured while surveying North Nokomis Lake. A subsample of 197 black crappies were measured and lengths ranged from 4.4 to 12.9 inches. 45% of the black crappies measured were over 10 inches.

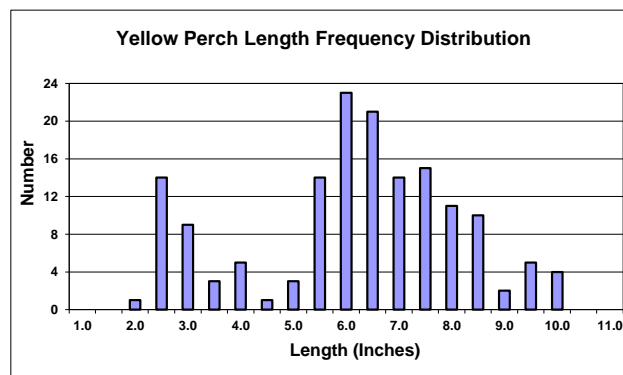


Bluegill

A total of 905 bluegills were handled while surveying North Nokomis Lake. A subsample of 141 bluegills was measured. The overall size of bluegills was small with only 9% of the 141 fish measured being over 7 inches. The average length of bluegills was 4.7 inches.

Yellow Perch

Yellow perch were not a primary target species while surveying North Nokomis Lake, but were still handled. Of the 241 yellow perch captured, a subsample of 155 were measured for total length. 21% of the yellow perch measured were over 8 inches with a size range of 2.3 to 10.4 inches.



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